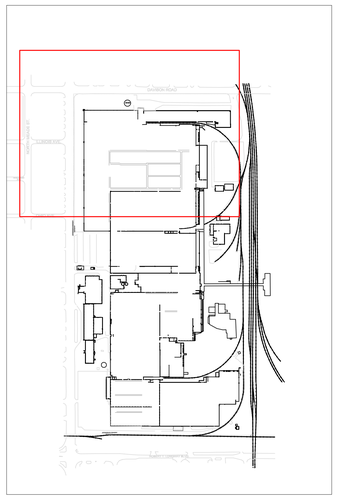
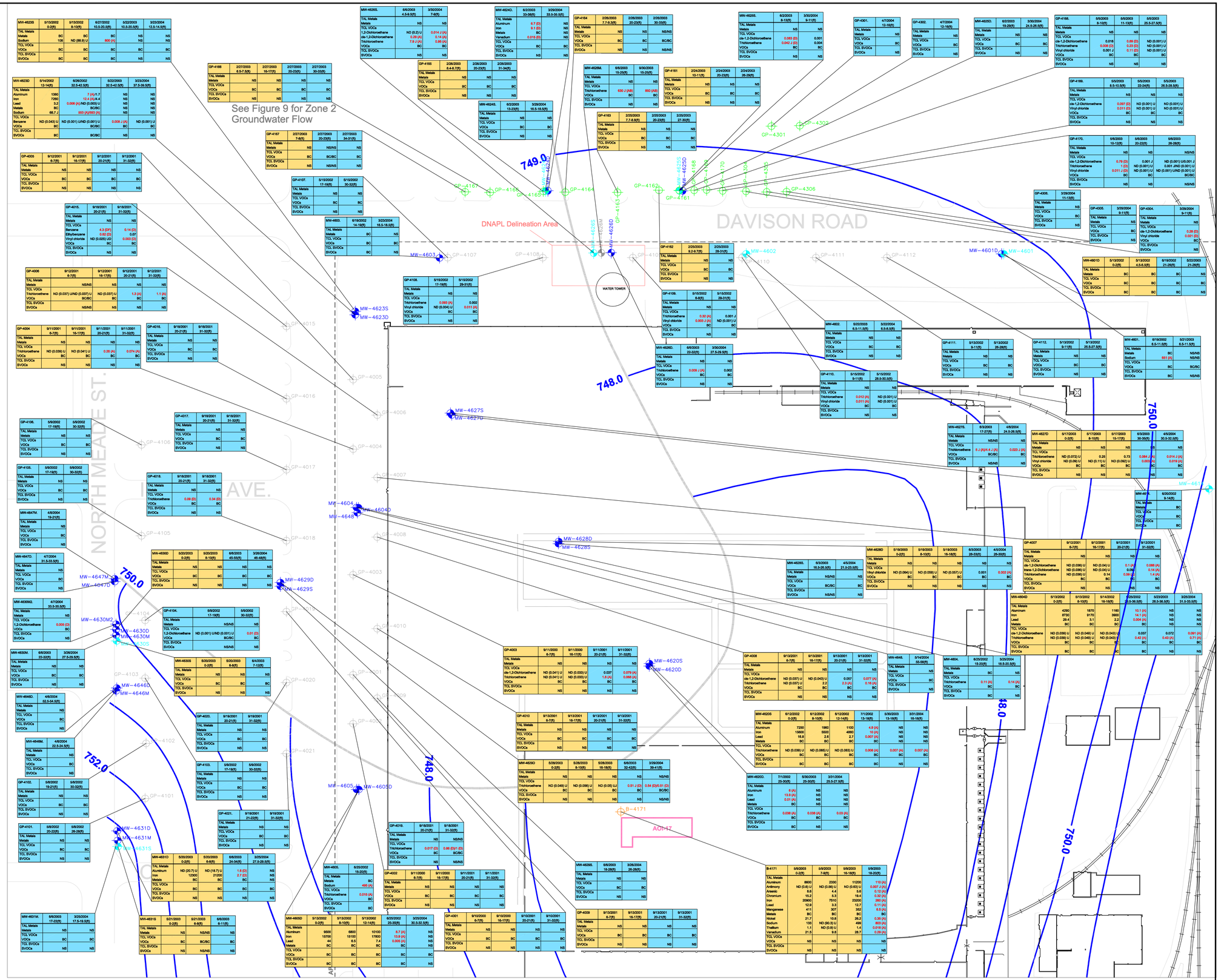


SCREENING CRITERIA FOR SOIL								
Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER								
Constituent	Residential Drinking Water[1] (mg/L)	Industrial Drinking Water[1] (mg/L)	Direct Contact[1,2] (mg/L)	Part 201 Residential Volatization to Indoor Air[1] (mg/L)	Part 201 Industrial Volatization to Indoor Air[1] (mg/L)	Site-Specific Residential Volatization to Indoor Air[2] (mg/L)	Site-Specific Industrial Volatization to Indoor Air[2] (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	88	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	250	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.8	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.8	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.8	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.8	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.8	160	160	160	547	485,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethene	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethane	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	500	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	220	1,400	208,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.



NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( ) - INDICATES ESTIMATED REPORTING LIMIT.
   D - USED IN PRE-RFI DATA, INDICATES THE ANALYSIS WAS A DILUTION.
   NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
   FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN ( ).
   A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
   D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN ( ).
   A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.

LEGEND:

- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)
- APPROXIMATE EXTENT ON DESTINCT ZONE 1 SAND

0 50 100 150
SCALE IN FEET

N

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DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR AOI-48
NORTH PROPERTY BOUNDARY AND
AOI-17 NICKEL PLATING LINE

SCALE: AS SHOWN
DECEMBER 2004

FIGURE 11A

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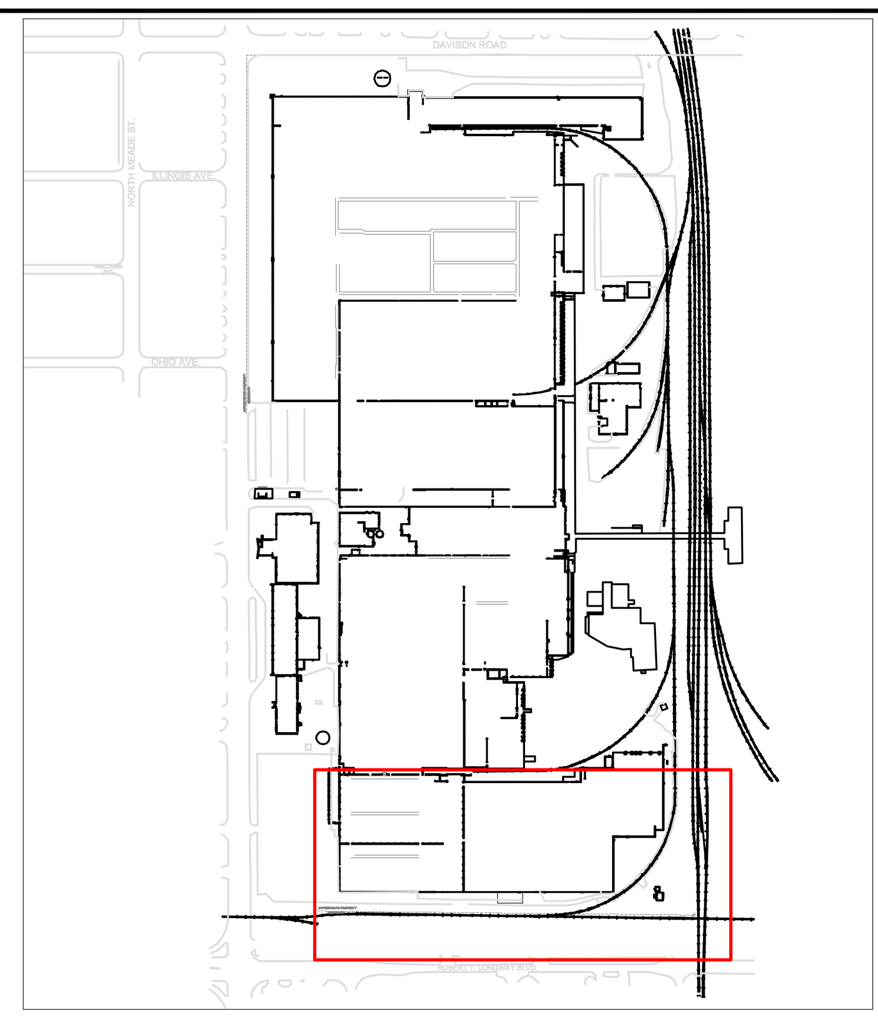

SCREENING CRITERIA FOR SOIL

Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER

Constituent	Residential Drinking Water(1) (mg/L)	Industrial Drinking Water(2) (mg/L)	Direct Contact(1,2) (mg/L)	Part 201 Residential Volatization to Indoor Air(1) (mg/L)	Part 201 Industrial Volatization to Indoor Air(2) (mg/L)	Site-Specific Residential Volatization to Indoor Air(1) (mg/L)	Site-Specific Industrial Volatization to Indoor Air(2) (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	68	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	290	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethane	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	468,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG. GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
J - INDICATES ESTIMATE VALUE.
ND ( )J- INDICATES ESTIMATED REPORTING LIMIT.
D - USED IN PRE-RFI DATA, INDICATES THE ANALYSIS WAS A DILUTION.
NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
BC - BELOW CRITERIA OR NOT DETECTED
/ - INDICATES DUPLICATE SAMPLE PAIRS.
FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN { }.
A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN { }.
A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
B - EXCEEDS GW CONTACT SCREENING CRITERIA
D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.

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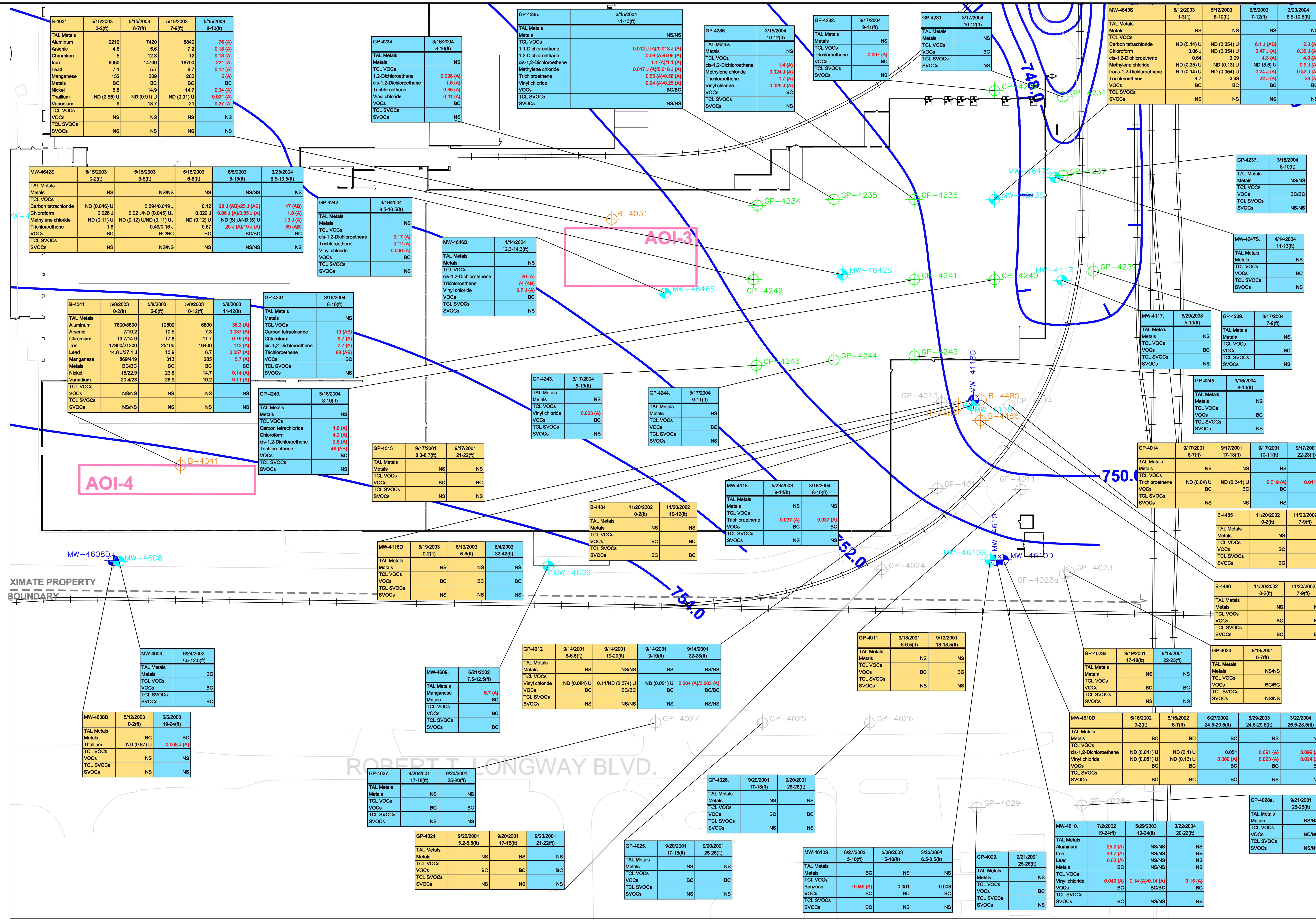

LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)

0 50 100 150
SCALE IN FEET

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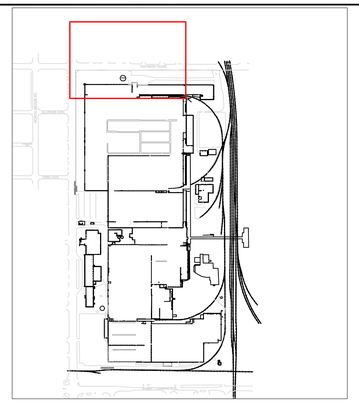
DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR AOI-3 FORMER PLATER (4099), AOI-4 FORMER PLATER (4101) AND AOI-48 SOUTH PROPERTY BOUNDARY

SCALE: AS SHOWN

DECEMBER 2004

FIGURE 12A



SCREENING CRITERIA FOR SOIL								
Constituent	Background (mg/kg)	Industrial Direct Contact (mg/kg)	Part 201 Industrial Volatization to Indoor Air (mg/kg)	Site-Specific Industrial Volatization to Indoor Air (mg/kg)	Industrial Volatization to Ambient Air Infinite Source (mg/kg)	Industrial Particulate Inhalation (mg/kg)	Residential Drinking Water Protection (mg/kg)	Industrial Drinking Water Protection (mg/kg)
Arsenic	6.8	37	-	-	-	910	23	23
Lead	67.8	900	-	-	-	44,000	700	700
1,1-Dichloroethene	-	570	0.33	700	3.7	78,000	0.14	0.14
Trichloroethene	-	500	37	38,700	260	2,300,000	0.1	0.1
Xylenes (total)	-	150	150	187,000	54,000	130,000,000	5.6	5.6
Benzo(a)pyrene	-	8	-	-	-	1,900	-	-

Notes:
1. See Appendix C for Residential (Off-Site) Screening Criteria.

SCREENING CRITERIA FOR GROUNDWATER							
Constituent	Residential Drinking Water[1] (mg/L)	Industrial Drinking Water[2] (mg/L)	Direct Contact[1,2] (mg/L)	Part 201 Residential Volatization to Indoor Air[1] (mg/L)	Part 201 Industrial Volatization to Indoor Air[2] (mg/L)	Site-Specific Residential Volatization to Indoor Air[1] (mg/L)	Site-Specific Industrial Volatization to Indoor Air[2] (mg/L)
Aluminum	0.3	4.1	64,000	-	-	-	-
Antimony	0.006	0.006	68	-	-	-	-
Arsenic	0.05	0.05	4.3	-	-	-	-
Barium	2	2	14,000	-	-	-	-
Beryllium	0.004	0.004	290	-	-	-	-
Cadmium	0.005	0.005	190	-	-	-	-
Chromium (total)	0.1	0.1	460	-	-	-	-
Chromium VI	0.1	0.1	460	-	-	-	-
Cobalt	0.04	0.1	2,400	-	-	-	-
Iron	2	5.6	58,000	-	-	-	-
Lead	0.004	0.004	-	-	-	-	-
Manganese	0.86	2.5	9,100	-	-	-	-
Mercury	0.002	0.002	0.056	0.056	0.056	0.398	45.8
Nickel	0.1	0.1	74,000	-	-	-	-
Sodium	120	350	1,000,000	-	-	-	-
Thallium	0.002	0.002	13	-	-	-	-
Vanadium	0.0045	0.062	970	-	-	-	-
Benzene	0.005	0.005	11	5.6	35	3.37	4,340
Carbon Tetrachloride	0.005	0.005	4.6	0.37	2.4	0.705	8,220
Chloroform	0.1	0.1	150	28	180	1.52	16,700
1,2-Dichlorobenzene	0.6	0.6	160	160	160	547	465,000
1,3-Dichlorobenzene	0.0066	0.019	2	-	-	272	-
1,4-Dichlorobenzene	0.075	0.075	6.4	16	74	8.38	1,170,000
1,2-Dichloroethane	0.005	0.005	19	9.6	59	4.04	18,400
1,1-Dichloroethane	0.88	2.5	2,400	1,000	2,300	560	543,000
1,1-Dichloroethene	0.007	0.007	11	0.2	1.3	86.9	12,000
cis-1,2-Dichloroethene	0.07	0.07	200	93	210	48.6	1,280,000
trans-1,2-Dichloroethene	0.1	0.1	220	85	200	53.4	766,000
Ethylbenzene	0.7	0.7	170	110	170	987	556,000
Methylene Chloride	0.005	0.005	220	220	1,400	109	206,000
Toluene	1	1	530	530	530	417	488,000
1,1,1-Trichloroethane	0.2	0.2	1,300	660	1,300	1,310	1,560,000
Trichloroethene	0.005	0.005	22	15	97	10.8	276,000
Vinyl Chloride	0.002	0.002	1	1.1	13	1.01	1,310
Xylenes (total)	10	10	190	190	190	104	569,000
Benzo(a)pyrene	0.005	0.005	0.002	-	-	85.5	-
Benzo(b)fluoranthene	0.002	0.002	0.002	-	-	4.13	-
Benzo(g,h,i)perylene	0.005	0.005	0.005	-	-	488,000	-
Benzo(k)fluoranthene	0.005	0.005	0.005	-	-	4,950	-
bis(2-Ethylhexyl)phthalate	0.006	0.006	0.32	-	-	179,000	156,000,000
Chrysene	0.005	0.005	0.005	-	-	474	-
Dibenzo(a,h)anthracene	0.002	0.002	0.002	-	-	499	-
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.002	-	-	257	-
Pentachlorophenol	0.001	0.001	0.2	-	-	24,800	61,200,000

Notes:
(1) Screening criteria used for comparison for off-site locations.
(2) Screening criteria used for comparison for on-site locations.

GP-4287	4/7/2004
	6-8(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4278	3/31/2004	3/31/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4265	3/24/2004	3/24/2004
	0-2(ft)	10-12(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
Trichloroethene	0.47	1100 (AD)
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4263	3/23/2004	3/23/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS/NS
TCL VOCs		
Trichloroethene	0.26	2900 (AD)/1600 (AD)
VOCs	BC	BC/BC
TCL SVOCs		
SVOCs	NS	NS/NS

GP-4281	3/23/2004	3/23/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4280	4/1/2004	4/1/2004
	0-2(ft)	6-8(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4285	4/1/2004	4/1/2004
	0-2(ft)	6-8(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4286	4/7/2004
	6-8(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4262	3/23/2004	3/23/2004
	0-2(ft)	6-8(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4272	3/25/2004	3/25/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS/NS
TCL VOCs		
Trichloroethene	0.54	3000 (AD)/2200 (AD)
VOCs	BC	BC/BC
TCL SVOCs		
SVOCs	NS	NS/NS

GP-4287	3/24/2004	3/24/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
Trichloroethene	0.44	460 (D)
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4270	3/25/2004	3/25/2004
	0-2(ft)	13-15(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4264	3/22/2004	3/22/2004
	0-2(ft)	5-7(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4271	3/25/2004	3/25/2004
	0-2(ft)	14-16(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4282	4/1/2004	4/1/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4293	4/8/2004
	8-10(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4268	3/24/2004	3/24/2004
	0-2(ft)	10-12(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4274	3/26/2004	3/26/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS/NS
TCL VOCs		
VOCs	BC	BC/BC
TCL SVOCs		
SVOCs	NS	NS/NS

GP-4298	4/15/2004
	8-10(ft)
TAL Metals	
Metals	NS
TCL VOCs	
Trichloroethene	340 J (D)
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4275	3/31/2004	3/31/2004
	0-2(ft)	8-10(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4289	4/7/2004
	0-2(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4294	4/8/2004
	8-10(ft)
TAL Metals	
Metals	NS
TCL VOCs	
Trichloroethene	980 J (AD)
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4290	4/8/2004
	6-8(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4278	3/31/2004	3/31/2004
	0-2(ft)	10-12(ft)
TAL Metals		
Metals	NS/NS	NS
TCL VOCs		
VOCs	BC/BC	BC
TCL SVOCs		
SVOCs	NS/NS	NS

GP-4291	4/8/2004
	6-8(ft)
TAL Metals	
Metals	NS/NS
TCL VOCs	
VOCs	BC/BC
TCL SVOCs	
SVOCs	NS/NS

GP-4277	3/31/2004	3/31/2004
	0-2(ft)	6-8(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4297	4/15/2004
	16-18(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4296	4/15/2004
	4-6(ft)
TAL Metals	
Metals	NS/NS
TCL VOCs	
VOCs	BC/BC
TCL SVOCs	
SVOCs	NS/NS

GP-4299	4/15/2004
	6-8(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4295	4/15/2004
	2-4(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4279	3/31/2004
	0-2(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4273	3/26/2004	3/26/2004
	0-2(ft)	12-14(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4283	4/1/2004
	0-2(ft)
TAL Metals	
Metals	NS
TCL VOCs	
VOCs	BC
TCL SVOCs	
SVOCs	NS

GP-4284	4/1/2004	4/1/2004
	0-2(ft)	6-8(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4269	3/25/2004	3/25/2004
	0-2(ft)	13-15(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

GP-4266	3/24/2004	3/24/2004
	0-2(ft)	10-12(ft)
TAL Metals		
Metals	NS	NS
TCL VOCs		
VOCs	BC	BC
TCL SVOCs		
SVOCs	NS	NS

NOTES:
1. PLAN BASED ON PLAN PROVIDED BY DELPHI CORPORATION.
2. SOIL ANALYTICAL RESULTS (ORANGE BOX) ARE REPORTED IN MG/KG.
   GROUNDWATER ANALYTICAL RESULTS (BLUE BOX) ARE REPORTED IN MG/L.
3. ND - INDICATES COMPOUND WAS ANALYZED FOR BUT NOT DETECTED.
   J - INDICATES ESTIMATE VALUE.
   ND ( )J- INDICATES ESTIMATED REPORTING LIMIT.
   D - USED IN PRE-RFI DATA, INDICATES THE ANALYSIS WAS A DILUTION.
   NS - INDICATES THE COMPOUND WAS NOT ANALYZED.
   NA - NOT AVAILABLE, ASSOCIATED WITH PRE-RFI DATA.
   BC - BELOW CRITERIA OR NOT DETECTED
   / - INDICATES DUPLICATE SAMPLE PAIRS.
   FPT - FREE PRODUCT THICKNESS, FP ND - FREE PRODUCT NOT DETECTED
4. SOIL SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DIRECT CONTACT SCREENING CRITERIA
   D - EXCEEDS INDUSTRIAL VOLATILIZATION TO AMBIENT AIR SCREENING CRITERIA
5. GROUNDWATER SCREENING CRITERIA CODES ARE SHOWN IN { }.
   A - EXCEEDS INDUSTRIAL DRINKING WATER SCREENING CRITERIA
   B - EXCEEDS GW CONTACT SCREENING CRITERIA
   D - EXCEEDS RESIDENTIAL DRINKING WATER SCREENING CRITERIA
   F - EXCEEDS RESIDENTIAL VOLATILIZATION TO INDOOR AIR SCREENING CRITERIA
6. OFF-SITE LOCATIONS SAMPLED TO DATE ARE LOCATED ON COMMERCIAL OR INDUSTRIAL PROPERTIES. HOWEVER, DATA FROM OFF-SITE LOCATIONS ARE CONSERVATIVELY COMPARED WITH RESIDENTIAL SCREENING CRITERIA LISTED IN APPENDIX C.
7. INFERRED GROUNDWATER FLOW IS BASED ON SITE-WIDE POTENTIOMETRIC SURFACE CONTOURS FOR ZONE 1 AS SHOWN IN FIGURE 15. ALSO SEE FIGURE 14 FOR ZONE 2 CONTOURS.
8. DELINEATION OF DNAPL WAS DETERMINED BASED ON FIELD TESTING OF SOIL SAMPLES FOR PRESENCE OF CHLORINATED DNAPL, PID MEASUREMENTS AND VISUAL OBSERVATIONS.

LEGEND:
- MONITORING WELL SCREENED IN ZONE 1
- MONITORING WELL SCREENED IN ZONE 2
- APPROXIMATE LOCATION OF AOI BORING LOCATION
- ABANDONED MONITORING WELL
- APPROXIMATE LOCATION OF GEOPROBE DELINEATION OF SAMPLES
- PRE RFI SAMPLE LOCATION
- PIEZOMETER
- DNAPL DELINEATION BORING
- ESTIMATED POTENTIOMETRIC JUNE 2004 ZONE 1 SURFACE CONTOURS (SEE FIGURE 14 FOR ZONE 2)
- EXTENT OF DNAPL

0 30 60 90
SCALE IN FEET

N

HALEY & ALDRICH
UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

DELPHI CORPORATION
FLINT-EAST, PLANT 400
DORT HIGHWAY
FLINT, MICHIGAN

SCREENING RESULTS FOR AOI-48
NORTH PROPERTY BOUNDARY DNAPL
DELINEATION AREA

SCALE: AS SHOWN
DECEMBER 2004

FIGURE 13A

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